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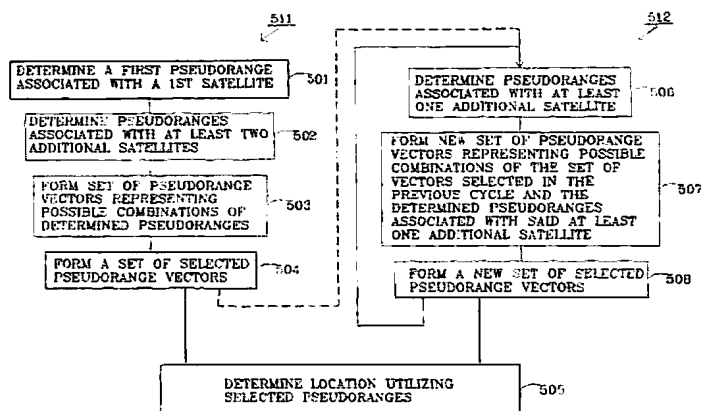
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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,

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(54) Title: METHOD AND ARRANGEMENTS RELATING TO SATELLITE-BASED POSITIONING



(57) Abstract: A method, an apparatus and a computer program for determining a location at which satellite ranging signals (RS1-RS4) have been received. At least one pseudorange selection cycle (511, 512), including an initial selection cycle (511), is performed and said location is determined utilizing the selected pseudoranges (1004). Said initial selection cycle includes: determining a first admissible pseudorange (r11) associated with a first satellite (SV1); determining (502) all pseudoranges (r21, r22, r31, r32) associated with at least two additional satellites (SV2, SV3) which combined with said first pseudorange (r11) form admissible relative pseudoranges; forming (503) a set (1001) of pseudorange vectors representing all possible combinations of said determined pseudoranges (r11, r21, r22, r31, r32) associated with said first (SV1) and at least two additional satellites (SV2, SV3); and forming (504) a set (1002) of selected pseudorange vectors by selecting at least one vector from said set (1001) of pseudorange vectors. At least when said set (1001) of pseudorange vectors includes plural vectors, said selecting includes evaluating each vector in said set (1001) of pseudorange vectors according to a predetermined rule.

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